

## PATENT ABSTRACTS OF JAPAN

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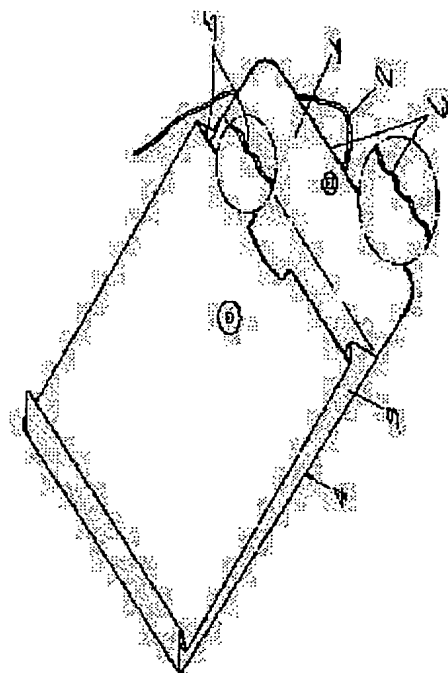
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## (54) PAPER BAG SUCH AS ENVELOPE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a paper bag which has a high-grade design and can maintain a high safety so that a hand or fingertip can be prevented from being cut by mistake by a method wherein a cut edge of an opening of the paper bag is formed into a fine wavelike shape and a cover piece is formed adjacent to the opening and a wavelike shape also is formed on the cut edge of the cover piece.

**SOLUTION:** In the paper bag 4 with gusset for receiving business documents wherein a cover piece 1 for closing an opening of the bag is provided adjacent to the edge of the opening and string 2 is provided to close the piece 1, the cut edges 5 of the opening and the cut edge 6 of the piece 1 each has a wavelike shape, wherein a large number of small circular arcs are continuously connected to one another. A wavelike shape can also be formed in a bag having no gusset or no cover and also in a large envelope, and a curved line other than the wavelike shape or a wavelike shape comprising a large number of trapezoidal shapes, each having radiused corners, may be formed. Since the cut edge of the opening or the cut edge of the cover piece adjacent to the opening has a wavelike shape, hands or fingertips can be prevented from being cut by mistake.



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CLAIMS

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[Claim(s)]

[Claim 1] Bags, such as an envelope made of paper characterized by coming to judge the margo incisalis of opening in the shape of concave bend convex curves, such as fine Kakumaru's wave line.

[Claim 2] Bags, such as an envelope made of paper according to claim 1 characterized by forming the pieces of a lid successively to opening and coming to also judge the margo incisalis of this piece of a lid in the shape of concave bend convex curves, such as fine Kakumaru's wave line.

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[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] the high envelope of commodity value in which this invention was equipped with the aesthetics and the high-class feeling with very high safety which cut neither a hand nor a fingertip accidentally, and the bag for office work -- it puts in writings and is related with paper bag manufacture in a bag.

[0002]

[Description of the Prior Art] Since they were the configurations that the margo incisalis of the piece of a lid formed successively by that opening edge and this edge was judged linearly, and bags, such as an envelope made of this kind known conventionally of paper, were unprepared when carrying out closing motion opening actuation, they had the trouble which is not desirable of cutting a hand, a fingertip, etc. in comparatively many cases by the straight-line-like decision edge concerned accidentally.

[0003]

[Problem(s) to be Solved by the Invention] This invention aims at offering bags, such as a new envelope made of paper which gave the device which cancels a trouble which was described above.

[0004]

[Means for Solving the Problem] Bags, such as an envelope made of paper applied to this invention in order to attain the above-mentioned purpose, judge the margo incisalis of opening in the shape of concave bend convex curves, such as fine Kakumaru's wave line, and are [0005]. And the pieces of a lid are formed successively to opening and the margo incisalis of this piece of a lid is also judged in the shape of concave bend convex curves, such as fine Kakumaru's wave line.

[0006]

[Effect of the Invention] Since bags, such as an envelope made of paper concerning this invention, are cut out in the shape of concave bend convex curves, such as a wave line of Kakumaru with the fine margo incisalis of the piece of a lid formed successively by the margo incisalis and this opening of opening There is no danger that it is made unprepared when carrying out closing motion opening actuation like the above-mentioned conventional example, and a finger is turned off on the decision edge, and are very safe. The decision edge which does so the outstanding effectiveness which attains the desired end completely, and is moreover presenting the shape of concave bend convex curves, such as Kakumaru's wave line, finely It is also expressing aesthetics and brewing a feeling of software, and a high-class feeling, and the desirable effectiveness of enabling offer of the goods of an expensive value is demonstrated collectively.

[0007]

[Example] the wave which the example shown in drawing was put the writings for the office work made of paper with \*\* 3 which have the string 2 for closedowns of this piece 1 of a lid which formed successively the pieces 1 of a lid which open and close the opening concerned in an opening edge, it is a bag 4 and many fine radii followed in the margo incisalis 5 of opening, and the margo incisalis 6 of the piece 1 of a lid -- it is judged by the line.

[0008] This invention can also be judged by a concave bend convex curve with which the round, curves other than the wave-like line by which it may carry out in a bag and a lid-less bag without \*\*, a large-sized envelope, etc., and many fine radii continued, for example, many angles, trapezoid was located in a line.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the perspective view showing the example of this invention in the state of opening.

[Drawing 2] It is the perspective view similarly shown in the state of lidding.

[Description of Notations]

1 Piece of Lid

2 String for Closedowns

3 \*\*

4 Put in Writings and it is Bag.

5 Margo Incisalis of Opening

6 Margo Incisalis of Piece of Lid

[Translation done.]

【物件名】

刊行物 7

【添付書類】

3



097

刊行物 7

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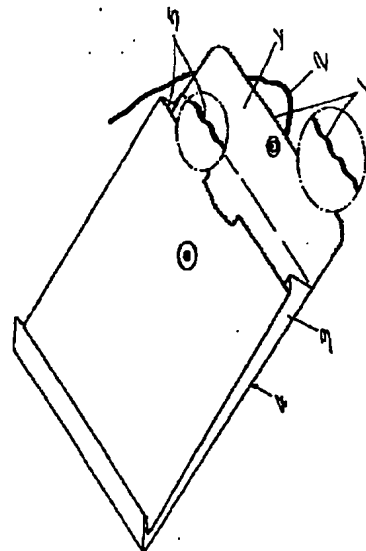
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(54) 【発明の名称】 紙製の封筒等袋

(57) 【要約】

【課題】 手や指先を誤って切ってしまうことのない極めて安全性の高い審美性および高級感を備えた商品価値の高い新規の書類入れ袋等紙製袋を提供するものである。

【解決手段】 開口の切縁および蓋片の切縁を細かい角丸の波形線等凹凸凸曲線状に裁断したものである。



(2)

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## 【特許請求の範囲】

【請求項1】 開口の切縁を細かい角丸の波形線等凹曲凸曲線状に裁断してなることを特徴とする紙製の封筒等袋。

【請求項2】 開口部に蓋片を連設しこの蓋片の切縁も細かい角丸の波形線等凹曲凸曲線状に裁断してなることを特徴とする請求項1記載の紙製の封筒等袋。

## 【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、手や指先を誤って切ってしまうことのない極めて安全性の高い、審美性および高級感を備えた、商品価値の高い封筒、事務用袋、書類入れ袋等の紙製袋に関する。

【0002】

【従来の技術】従来知られているこの種の紙製の封筒等袋は、その開口縁および、同縁に連設された蓋片の切縁が直線的に裁断された構成であったために、開閉口操作をするときに不注意から誤って当該直線状裁断線により手や指先等を切ってしまうことが比較的多いという好ましくない問題点があった。

【0003】

【発明が解決しようとする課題】本発明は、上記したような問題点を解消する工夫を施した新規の紙製の封筒等袋を提供することを目的とするものである。

【0004】

【課題を解決するための手段】上記目的を達成するために本発明に係る紙製の封筒等袋は、開口の切縁を細かい角丸の波形線等凹曲凸曲線状に裁断したものであり、

【0005】そして、開口部に蓋片を連設しこの蓋片の切縁も細かい角丸の波形線等凹曲凸曲線状に裁断したものである。

【0006】

【発明の効果】本発明に係る紙製の封筒等袋は、開口の\*

\* 切縁および、同開口部に連設された蓋片の切縁が細かい角丸の波形線等凹曲凸曲線状に裁断されているので、上記従来例のように、開閉口操作をするときに不注意にして裁断縁で手指を切ってしまうような危険性がなく極めて安全なものであって、所期の目的を完全に達成する優れた効果を奏するものであり、しかも細かく角丸の波形線等凹曲凸曲線状を呈している裁断縁が、審美性を表出しソフト感および高級感を醸成することにもなって、高価値の商品の提供を可能とするという好ましい効果を併せて発揮するものである。

【0007】

【実施例】図に示す実施例は、開口縁に当該開口を開閉する蓋片1を連設した、同蓋片1の閉止用紐2をもつ褶3付き紙製事務用書類入れ袋4であって、開口の切縁5および蓋片1の切縁6を細かい多数個の円弧が連続した波形線状に裁断されているものである。

【0008】本発明は、褶無し袋や蓋無し袋、大型封筒等で実施することがあり、また細かい多数個の円弧が連続した波形線状以外の曲線たとえば多数個の角の丸い台形が並んだような凹曲凸曲線等で裁断することも可能である。

【図面の簡単な説明】

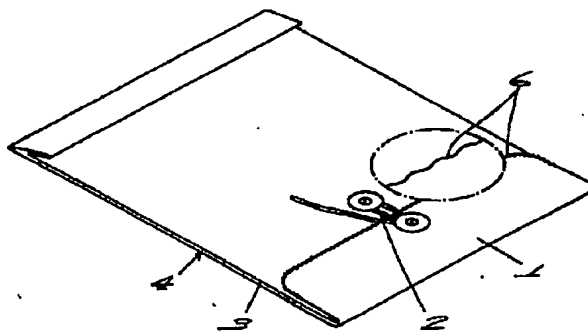
【図1】本発明の実施例を開蓋状態で示す斜視図である。

【図2】同じく閉蓋状態で示す斜視図である。

【符号の説明】

- 1 蓋片
- 2 閉止用紐
- 3 褶
- 4 書類入れ袋
- 5 開口の切縁
- 6 蓋片の切縁

【図2】



(3) J

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